## Mines and Mining Stocks

## UTAH COPPER IS RAISING OUTPUT

Building New Railroad Is In Good Buying of That and Latest Electro-Chemical Pro-Line With Large Increase Promised.

Preparations for the building of an in-ependent line of railroad from the Bingham mines to the Garfield mills is in line with the announcement made by W. B. Thompson, one of the directors of the Utah Copper company, when he was in this city two weeks ago, that the joint capacity of the company's mills would

capacity of the company's mills would within another year be increased from about 12,000 tons dally—the amount of ore now handled when transportation is afforded—to 20,000 tons a day.

The Rio Grande Railway company has been slow—unnecessarily slow, it would seem—in providing the transportation facilities which the Utah Copper's enormous operations call for. Eastern officials of the railroad company, apparently, have failed to appreciate what those operations mean—they have seerned to pany's statements of its needs. The railroad, except for brief intervals, when all conditions were favorable, has from the first failed to deliver the ore tonage required, although it is certain the Rio Grande has no other like mileage of track which seems and nother year be increased from as a saying that the Knights yet hold control of both Iron Blossom and Colorado.

Lower Mammoth was stronger, with as been provided, says the Los Angeles Times.

The Electro-Chemical Metal Extraction company, of which H. P. Bayse is president, and which numbers Julius Koebig among its directors, has purchased provided, except for brief intervals, when all conditions were favorable, has from the first failed to deliver the ore tonage required, although it is certain the Rio Grande has no other like mileage of track which some and in the range of issues of the market value of track which seems and the Knights yet hold control of both Iron Blossom and Colorado a

nage required, although it is certain the Rio Grande has no other like mileage of track which compares in earnings with that between Bingham and Garfield.

Those who have read General Manager D. C. Jackling's annual reports of Utah Copper's affairs will remember that he at the outset favored the company's building its own line of railroad from the mine to the mills. He gave up that idea for the time being only upon the most abfor the time being only upon the most ab-solute promise of the reliroad people that they would take care of the traffic,

### Called Attention to Need.

But the promise was not kept. In successive reports has the manager called attention to the deficiency and to the advisability of his company's at least arranging for auxiliary service, the last annual report having stated explicitly that unless certain conditions were fulfilled within a reasonable length of time steps would be taken to provide additional transportation facilities.

transportation facilities.

The Rio Grande company during the last few months has increased its facilities to the end that during February and March ore has been delivered at the Garfield mills in about the quantities required, but it was after several months of shortage which was enormously expensive to the Utah Copper company. And it is likely that the plans for building a new line of railroad by an independent company are the result of unmistakable evidence that the new demand to be made by a 66 per cent increase of the mill capacity will not be met in any other way.

Other way.

Cutting down the tonnage which works like those of Utah Copper are prepared to handle cuts earnings in two ways-reducing the output and increasing the cost per pound of production. A striking object lesson of this will be provided when the record of Utah Copper's production for the quarter just ended is available. January production was cut short by non-delivery of ore at the mills. February's production, with nearly complete delivery, was back to normal—and the production of March will open the eyes of the world as to what the "porphyries" are capable of doing.

### GO TO TAKE LEASES ON GOLD BUTTE ESTATE

Frank L. Collier and W. E. Collier, miners, who have had much leasing experience in the Butte and Coeur d'Alene districts, have gone to Gold Butte. Nevada, to look ever the ground of the Gold Butte Mines company, with the expectation of leasing two blocks of the estate. Jerome B. Ireland, who has a contract for driving the Gold Butte company's tunnel, is on the ground, preparing for active work. Mr. Ireland's contract is expected to take the cross-cut turnel at least to the first of five prominent parallel veins which cut through the mountain.

### San Francisco Mining Stocks. San Francisco, March 31.-The official

closing quotations for	or mining stocks to-
day were as follows:	
Alpha Con12	Mexican1.371/4
Andes13	Oc. Con30
Belcher91	Ophir1.221/
Caledonia64	Overman1.45
Chollar	Savage 38
Confidence1.121/2	Sag Belcher28
C C & Va 1.1214	Sierra Nev 45
Con. Imp05	Silver Hill21
Crown Point 90	Union Con73
G. & Currie28	Utah Con07
H. & Norcross .44	Yel. Jckt95
Wan Con 17	

### New York Mining Stocks

Alice	Little Chief
Boston Mir	ning Stocks.

### Allouez ..... 45.00 | Mohawk ..... 51.00

Amal. Cop 74	.00 Nev. Con 21.00
A. Z. L & S 26	.00 Nip. Mines 8.871
Ariz. Com 21	.50 N. Butte 34.50
Atlantic 7	.50 N. Lake 15.75
Bos. Con 17	
Bos. & Corb., 73	
Butte Coal 22	.871/2 Parrott 16.00
Cal. & Ariz 65	.50 Quincy 81.00
Cal. & Hec602	.50 Shannon 12.50
Centennial 18	
Cop. Range 71	
E. Butte 8	.50  Sup. & Pitts., 13.371
Franklin 15	.00 Tamarack 60.00
Giroux Con 7	.87½ U.S. C. & O 35.25
Granby Con 43	50 U.S.S. R. & M. 43.00
Greene Can 9	371/2 US. S. & M. 43.00
Isle Royal 17	
Kerr Lake 8.	.25 Utah Con 28.75
Lake Cop 64	
La Salle Cop. 14.	.50   Wolverine126.00
Milami Can 91	9714

### Miami Cop. .. 21.871/2 ORES AND BULLION.

Smelter settlements yesterday, reported by McCornick & Co.: Ores, \$110,000; bullion, \$90,000. Silver was quoted at 52½c; copper, 13 1-16c; lead, \$4.50.

\*\*\*\*\*\*\*\*

### 'If it's for the office Breeden has it PHONES 729

TODAY

### Buy a Marble Chair

One made by the B. L. Mar-ble Chair Co. You'll have to buy it from us in this city. We sell them because we can put the Breeden recommendation on them. They come in cak or ma-hogany, straight or swivel. Marble stools, also. You will want marble chairs and stools when you see them.

For Your Office

Breeden Office Supply Co. 60 W. 2nd So.

## IRON BLOSSOM AT PRODUCE COPPER \$1.05; LOSES GAIN

Other Leaders on Mining Exchange.

Iron Blossom yesterday sold up to \$1.95 and held above the dollar mark until the close, when a seller was recorded at 99c. Nothing new concerning the cause of the ing process plants on a large scale have issue's strength was brought out, but Sec-

	\$608,792.50.		OL	LITE	marr	rer	ya	uc	Ų,
١	Closing	quota	tions	and	the	da	y's	sale	as:
ŧ									

11 +18	Fore	noon.	Afternoon,		
	Bid.	Asked.	Bid.	Asked.	
Beck Tun	\$ .11	\$	\$ .11	\$	
Big Hill				.02	
Big Hill Bing. Amal.	.101/2		.101/2	.15	
Black Jack .	.08	.10	.08	.10	
Bullock	.00%	.01		.01	
amp Bird .		.01		.01	
arisa	.50	.65	.52	.64	
Cedar T	.051/4	.051/6	.05	.06	
Black Jack Black Jack Bullock Camp Bird Carisa Cedar T. Colo. Min. Columbus C. Con. Mercur Crown Point Daly-Judge	.79	.80	.78	.79	
columbus C.	.38	.41	.36	.39	
Con. Mercur		.14			
rown Point	.07%	.0814	.0746	.081/4	
alv-Judge .			2.95	4.60	
Daly-Judge . Deck. Can		.01			
ragon Iron.		15		.15	
ragon Iron. C. Point	.001/6	.01	.0016	.00%	
. Tin. Con.	.01	.02	.01	.02	
d. Tin. Dev.	.0314	04	0316	.04	
C. T. G. K	001/4	0014	.0014		
. Central	1.50	1 55	1.45	1.55	
P. & O	1.00	1.0216	1.00	1.021/2	
P. & O	.0214	02%	.02	2100/2	
ngot		.02		.02	
ngot nyo Gold	07	0814	677	.02	
ron Blos	1.05	1.0714	1 0914	1.05	
			.16	2.00	
oe Bowers .	0086				
Leystone	.00%	20	10074	.20	
King Wm	*******	160	05	.10	
ittle Bell	*******	1 25	.00	1.65	
ion Hill	*******	1.00		.04	
Mammoth	20	54	52		

.073/2

.011/4

.52

3.95

.45

3.85 .23 .03 .05 .88 .03% 2.50

.02 .071/4 2.40

 $.43\frac{1}{2}$   $.05\frac{1}{2}$ 

.01%

.021/2

3.95

.09½ .50 .35

2.50

Ely Centennial ..... \$ .30 \$ .31 Bingham Central Standard .22 .23

Ore at Samplers.

Fourteen carloads of ore from Utah of mines were yesterday released by the Utah Ore Sampling company.

Bid. |Asked.

Opex .... Mammoth ... Utah Mine

Plutus

Prince Con.

Provo ..... Red Warrior

Rich. & Ana.

S. Troughs Silver King

Sioux Con. South Col.

the way now in use. The plant is daily in operation and has sixty days' test runs ahead of it, for mining properties now using the smelting methods.

President Boyce said last night: "The use of this process will make possible the treatment of large deposits of carbonate ores, of which there are many in the southwest and which cannot be profitably handled by smelting, because of the lack of water facilities from railroads.

This is not a secret process. We are fully protected by our patents and will run any form of copper ore, if there is no lead in the ores brought in we add lead to the ore for the purpose of obtaining it in our solution, to secure a lead coating on the graphite anodes in order to prevent their deterioration."

The cave which was entered a few days ago on the 500-foot level of the Carisa mine, while not yet explored to any extent, has been found to be a large one. It is at least 100 feet long on the strike was reported of the fissure, said Grant Snyder, who returned yesterday from Tintic, and its opening is known, however, to extend a considerable distance both above and below the level.

The significance of the cave in the Tintic formation is recognized as of the utmost importance. The openings are alead coating on the graphite anodes in order to prevent their deterioration."

Prospectors.

Wake Up Johnnie is the name of the new gold camp in the Alvord mountains, 36 miles north of Barstow, Calif., for which something of a stamped is on. The original strike was reported citizens of Barstow, desiring to not entire the original strike was reported to any extent, has been found to be a large one. It is at least 100 feet long on the strike of the fissure, said Grant Snyder, who returned yesterday from Tintic, and its opening is known, however, to extend a considerable distance both above and below the level.

The committee of miners to investigate. The committee of miners to investigate. The committee of miners to investigate. The opening is known the for claims.

Miners from all over the desert a

## BOSTON AND NEW YORK

James A. Pollock & Co., bankers and brokers, furnish the following, received over their private wire: .10 .021/4 .08 2.66

Bid. |Asked

Boston Copper Close.

-	South Col051/2 .06	.051/2	.06	Ahmeek	1	200.00
e	S. I. Blos	.001/2	.041/4	Black Mountain	f	19 00
f	Swansea C04 .04%		0016	Cactus	3.871/2	3.93%
0	Swansea Ex.		01	Chino	13.00	13.25
	Tin. Hum	.091/4	.0934	Davis Daly	2.93%	3.061/4
8	Tin Com.		.02	Inspiration	3.00	3,061/4
9	Tin. Emp		61	Inspiration	7.871/2	8.00
t	Tin. Silver		.10	Nevada Utah	1.00	85.00
'n	Uncle Sam 381/2 .391/2	.381/2	.391/2	Nevada Utah	3.8714	4 191/
	Utah Con0414 .04%	.03	051/	Seneca		95.00
	Victor Con.   .04% .05/2	1 20	1.66	S. & G		65.00
	Victoria 1.00	1.20	1.00	Yuma		* **
ī	W. U. Cop. 100		13	Witch A. & M. B. Ely Chemung Con. Arizona	.15	.20
	West. Nev1252 .20	08	.10	A. & M	30.00	45.00
	Yankee Con07 .10 Yer. Cop	03	.04	B. Ely	3.621/2	3.75
16	Yer. Cop	1 .00 1		1 Chemins	10.00	10.50
-				Con. Arizona	2.43%	2.561/4
14	Forenoon Sale	s.		Ely Consolidated	65.00	75.00
				La Paga	7.75	7.87%
	Colorado, 1,100 at 79c; 500	at suc.		La Rose	4.18%	4.311/4
	Columbus, 200 at 41c; 500 a East Tintic Development,	1 000 at	23/40	Mason Valley	8.811/2	9.121/2
	Grand Central, 100 at \$1.5	21/2	0 /4 0.	Baltic	2 193/	8.00
	Indian Queen, 2,000 at 21/2c.	/2.		South Lake	9.00	9.371/2
	Invo 500 at 7c		gert.			7.25
	Iron Blassom, 100 at \$1.0216	; 3,400 a	t \$1.05;	Bohemia	11 95	11 75
	100 at \$1.021/2, seller 60; 200 at	\$1.05, se	ller 60.	Nevada Douglas	2 6216	2.811/4
	Iron King 500 at 16c.			l (fas	26 00	28.00
	Lower Mammoth, 1,000 at	50c; 400	at bec;	B. & L	14.00	15.00
	100 of 54c. 200 at 53c.			Chief Consolidated	2.18%	2.25
	Mason Valley, 1,200 at \$1.7	v, 100 a	t \$1.70,	Ely Control	8.25	8.75
	seller 60; 100 at \$1.72½. May Day, 1,000 at 8c; 20	0 et 91/	in: 200	Ely Central	6 77	7.25
		o at 6%	20, 200	Oak	19.75	20.50
	at 9c. Mountain Lake, 1,000 at 9	Ac. buy	er 60:	National	40 00	49.00
	500 at 9½c.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24.5	Ohio Copper	3.8714	4.00
	Nevada Hills, 100 at 52c.			San Antonio	10.00	11.00
	Now York 2,000 at 75c.			Lear	9.00	11.00
	Ohio Conner, 100 at \$4.00:	100 at \$	3.95.	Yukon	4 3716	4.50
	Prince Con., 400 at 91c; 500	at 92c;	400 at	Regole	2 00	3.25
	960			Adventure	6.75	7.00
1/2	Sioux Con., 600 at 451/2c; 5	500 at 4	5c; 200	Atlantic	7.50	8.00
	at 44½c.			Calumet & Hecla	602.50	605.00
	Tintic Central, 2,000 at 91	χ.C.		1 Granby	49 50	72.00 .
	Utah Con., 1,000 at 4%c.			Massachusetts	5.00	5.50
	Open Board		× .	Massachusetts Mohawk	51.00	54.00
	Colorado, 100 at 80c.			Old Dominion	37.00	38.00
	Daly-Judge, 125 at \$4.10. Iron Blossom, 1,300 at \$1. Lower Mammoth, 800 at 51	U. O		Quincy Superior Utah Consolidated	81.00	
	Iron Blossom, 1,300 at \$1.	.05.		Superior	44.00	45.00
6				Wolverine	28.75	29.00
	Seven Troughs, 1,500 at 71/2 Sioux Con., 1,300 at 441/2c.	gC,		Centennial	126.00	130.00 18.75
	Tintle Central Ma at 356C.			Corbin	13.50	14.00
В	Shares sold-Regular, 24,100	); open	board,	Hancock	21 00	22.00
H	# 195 Total 30 225			Rovala	17 50	19 00
П	Selling value-Regular, 31	1,322.50;	open	Miami Ojibway Superior & Boston	21.871/2	22.00
н	board, \$3,270. Total, \$14,892.5	90.		Superior & Poster	8.25	8.75
3	Afternoon Sale	Q.		United States com., ex-div.	42.75	43.50
2			- 194	Preferred, ex-dividend	49.50	49.871/2
	Colorado, 1,000 at 79c; 100	at 79c.	1-5	Allouez		46.00
	Crown Point, 1,000 at 8c. Grand Central, 100 at \$1.5	50		Butte Coalition	22.871/2	23.25
4	Iron Blossom, 900 at \$1.021/2	: 500 at	\$1.0216.	Centennial	18.00	19.50
3	huver 60.			Daly West	9.00	9.25
3	Lower Mammoth, 1,000 at	52c.	132 h. 3	Greene Cananea Mexico Consolidated Nevada Consolidated	2.50	9.50 3.00
3	New York, 1,000 at 7c.			Nevada Consolidated	21.00	21.25
- 1	Ohio Copper, 100 at \$3.90.			Osceola	141.00	142.00
3	Htah Con. 2.000 at 4c; 500	at 3%	C,	Santa Fe	1.75	2.00
1	Western Nevada, 500 at 131/2	C, 1,000	at 10C.	Tamarack	60.00	62.00
	Open Board		EL COLD	Victoria	3.621/2	3.871/2
			1000	Wyandot	2.00	2.25
	Bullock, 1,000 at %c. Colorado, 50 at 30c.			Rost Butta	8 50	9.00
	Grand Central, 100 at \$1.47	714.		East Butte	2.50	3.871/2
1	Iron Blossom, 100 at \$1.02%;	TB WG	\$1.02%	Kerr Lake	8.25	8.50
н	buyer 60; 1,700 at \$1.700; 200	at 99c,	seller	Arcadian	5.00	5.50
н	60.			Ray Consolidated	20.00	20.50
1	Lower Mammoth, 1,000 at	52c.		Superior & Pittsburg	13.371/6	13.521/2
- }	Mason Valley, 200 at \$1.70;	500 at 1	11.721/2.	Arizona Commercial	23.50	23.75
-1	Sioux Con., 500 at 44c.		1000	Calumet & Arizona	65.50	66.00
1	Tintic Central, 2,300 at 91/4c	, 5,000 a	574C.	C. L	15.00	.12 15.25
1	seller 60; 1,000 at 9½c. Shares sold—Regular 9,700;	onen l	brend			15.00
1	15,050. Total 24,750.	open i	4,	La Salle	6.00	6.50
1	Selling value-Regular, \$3	3,810.25:	open	Michigan North Butte	34.00	35.00
1	hoard \$6,126.75. Total, \$9,937.	COLUMN TO SERVICE	COLUMN 1999	Parrot	15.00	17.50
1	Month's totals-1,680,487 sha	ires for	\$608,-	Shannon	12.50	12.75
-	792.57.		and the	Trinity	6.75	7.00
1		1 2 2 2		Winona	8.50	9.00
	UNLISTED STO	CKS	77 433	Silver King C	17 00	2.62½ 18.00
1	ONLIGITED 010	UNU	3 . 84.	B. C.	7.8714	8.00
1	Opex yesterday struck a ne	ew low	mark	Giroux Indiana	31.00	
1	for the present downward mo	vement.	with	Lake	64.00	64.25
1	sales of 2.100 shares at 37c	to 38c.	Bing-	North Lake	15.75	16.00
1	ham Central Standard held	its ow	n. 900	South Lake	2.00	2.25
1	shares having sold at 22c, an	id a 500-	share	OilUnited Fruit	34.25	35.00
1	lot of Ely Centennial brought	30c. Cl	losing	United Fruit	2 75	171.00
1	quotations:			Apex	3.10	4.00
1	Name and Address of the Owner, where the Owner, while the Owner, where the Owner, where the Owner, where the Owner, where the Owner, while the	Rid. IA	fords	NAME OF TAXABLE PARTY.	DESCRIPTION OF	

ture of Placer Claim Contest.

Dexterity in panning gold, or lack of it,

Long Is Entered on 500-

Foot Level.

Increased activity and enthusiasm in Jarbidge district is reported by Louis Lefkovits, an operator, who maintains offices in New York city. He arrived in Salt Lake yesterday direct from Jarbidge and left for Denver on mining business. He says that within ten days 160 men will be working on twenty leases which have been granted on the Bourne ledge. He and Harry MacMillan, of this city, have taken over ground covering an extension of the Bourne ledge, intending to float a company in the east.

IRON BLOSSOM CONTROL.

R. E. Allen Discusses Report of Stock

Sold in East.

(Special to The Herald-Republican.)

Provo, March 31.—R. E. Allen, secretary of the Iron Blossom and the Colorado Mining companies, was asked today as to the truth of the rumor published this morning to the effect that the control of the Iron Blossom and the Colorado had shifted from Utah to the east. Mr. Allen

snifted from Utan to the east. Mr. Allen said:

"Mr. Knight controls 51 per cent of the Iron Blossom. If 51 per cent of the Colorado stock has gone east, there is very little Colorado stock in Utah outside of Mr. Knight's individual holdings. Of course, I cannot say positively about this, but I have strong reasons to believe there is nothing to the rumor, so far as it affects the Colorado. I know it is without

the Colorado. I know it is without foundation regarding the Iron Blossom."

San Francisco Quotations.

James A. Pollock & Co., bankers and brokers, 335 South Main street, furnish the following, received over their private

.03 2.17½

.08 .03 8.35

1.00 1.00 1.25

.03 .37 .15

1.22½ 1.25 1.42½ 1.45

2.621/2

.14

.03

.02

GOLDFIELD-

Jumbo Extension.....

Oro ......Atlanta ..... 

Florence
Goldfield Dalsy.....
Combination Fraction.....

Crackerjack .....

Grandma
Goldfield Consolidated...
Diamendfield Triangle....
C. O. D.
Florence Extension....

Gould & Curry.....

Sierra Nevada..... Exchequer .....

Tonopah Nevada..... Montana Tonopah.....

MacNamara ..... Tonopah Belmont...... Tonopah North Star...... West End Consolidated...,

Montgomery Mountain.... Homestake Consolidated... Tramp Consolidated......

Manhattan Consolidated ..

OTHER DISTRICTS-

Pittsburg Silver Peak. Eagle's Nest....... Round Mountain.....

Conopah Extension.

Kewanos ......

COMSTOCK-

TONOPAH-

BULLFROG-

MANHATTAN-

Fairview Eagle. Nevada Hills...

Los Angeles capitalists plan to revolufor the building of electro-chemical leechretary Allen was quoted during the day as saying that the Knights yet hold control of both Iron Blossom and Colorado.

Lower Mammoth was stronger, with sales at 50c to 55c and the closing deal at 52c. Sioux Consolidated was active, but not so strong, sales having been at 45½c to 44c. Prince Consolidated sold from 32c to 39c Colorado was firm at 79c deal at 20c open completed, and within a few weeks the first large operating plant of the pay dirt. This incited George W. Hepton, leading witness for the defense, when he was on the stand, to remark: "I have been placer mining since 1860, and I have met a great many 'tenderfeet,' but Wheeler's attempt at panning was firm 32c to 39c Colorado was firm at 79c deal and 1 have ever seen made. If there was any deal and 1 have ever seen made have been posses and the closing the first large operating plant of the part of the first large operation and the first large operation of the first large operation of the first large been completed, and within a few weeks

WITH NO SMELTER

cess Responds to Tests

at Los Angeles.

company.

The company is operating a testing plant at No. 638 North Main street and is handling a ton of ore a day, obtaining an extraction of 98 per cent electrolytic copper, direct from the ore without heat. The ore is crushed to a mesh of about twenty. This crushed ore is placed in leching tanks and covered with a solution of hydro-fluor-silicic acid of 10 per cent strength. This acid throws copper and lead into solution. This solution is passed into settling tanks and then drawn off into a precipitating tank, where, by the o a precipitating tank, where, by the ion of electric current, the copper is cosited on the cathodes in the shape of posited on the cathodes in the shape of actrolytic copper, ready for the market. If there is any lead in the ore which as been taken up by the solution the ad is deposited on the anodes in the orm of perchloride of lead, which is tripped from the graphite and melted

The testing plant was erected at a cost \$25,000, but a twenty-five-ton plant will st, including crushing machinery and wer, about \$8,000.

Makes Copper Cheaply. This twenty-five ton plant will, it is d, turn out one ton of 98 per cent cop-r in one day, at a cost not to exceed eats per pound for mining, milling and indling.

Inder any condition, local engineers the the new method is fully 30 per cent eaper for the reduction of copper than a way now in use. The plant is daily operation and has sixty days' test runs ead of it for mining process.

## COPPER SHARE MARKETS

01	Chino	13.00	13.25
.01	Chino Davis Daly First National	2 938/	3.061/4
.09%	First National	2.0074	3.00%
.02	Inspiration	3.00	3,061/4
.01	Majortia	7.871/2	8.00
.10	Majestic Nevada Utah	80.00	85.00
391/2	Nevada Utah	1.00	1.121/2
041/2	Oneco	3.871/2	4.121/2
	Seneca		95.00
.051/2	1 S. & G	F20	65.00
.50	Yuma	1 00	
.00	Witch	1.00	1.0614
.13	A 0. 35	.15	.20
.10	A. & M	30.00	45.00
.04	B. Ely	3.621/2	3.75
.03	1 Chemiing	40 00	10.50
-	Con. Arizona	2.43%	2.561/4
	Con. Arizona  Ely Consolidated  Goldfield Consolidated	65.00	75.00
	Goldfield Congolidated	00,00	7 071
	La Paga	7.75	7.871/2
	La Rose	4.18%	4.311/4
	Mason Valley	4.1834	9.121/2
C.	Baltic		
	Ray Central	2 193/	3.311/4
	South Lake	9.00	9.371/2
	Tonopah	7.00	
1.05;	Rohamia	7.00	7.25
	Bohemia Nevada Douglas	11.25	11.75
r 60.	Nevada Douglas Gas B. & L Chief Consolidated Corbin	2.621/2	2.811/4
	Gas	26.00	28.00
55c;	B. & L	14.00	15.00
	Chief Consolidated	2.1834	2.25
1.70,	Corbin	8 95	8.75
,	Ely Central	1 191/	1 05
200	Gila	1.121/2	1.25
200	Gila	6.75	7.25
-	Oak	19.75	20.50
60;	National	40.00	42.00
	Ohio Copper	2 8714	4.00
	San Antonio	10.00	11.00
	Leaf	9.00	11.00
			11.00
at	Demais	4.371/2	
at	Begole	3.00	3.25
1222	Begole Adventure	6.75	7.00
200	Atlantic	7.50	8.00
	Calumet & Hecla	602.50	605.00
	Connen Donne	UN24 - U/U	
		71 00	
	Copper Range	71.00	72.00
	Granby	71.00	72.00 44.00
1	Granby	71.00	72.00 44.00 5.50
4	Massachusetts	71.00 43.50 5.00	72.00 44.00
, T	Massachusetts	71.00 43.50 5.00	72.00 44.00 5.50
	Granby Massachusetts Mohawk Old Dominion Quincy	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00 38.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00 38.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior	71.00 43.50 5.00 51.00 37.00 81.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50	72.00 44.00 5.50 54.00 38.00 45.00 29.00 18.75 14.00
ard,	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.50	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
ard,	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 49.50 45.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 14.00 44.875 43.50 46.60
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 13.50 21.00 17.59	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 21.873 21.873 49.50 49.50 22.873 49.50 22.873 45.00 22.873	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 14.00 44.875 43.50 46.60
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 13.50 21.87½ 8.25 13.00 42.75 49.50 45.00 42.87½ 18.00	72.00 44.00 5.50 54.00 38.00 45.00 29.00 130.00 18.75 14.00 22.00 8.75 43.50 49.87½ 46.00 23.25 19.50
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.87 21.87 22.87 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.87 13.00 42.87 13.00 42.87 13.00 42.87 13.00 42.87 13.00 42.87 13.00 42.97 13.00 43.97 13.00 45.97 13.00 13	72.00 44,00 5.50 54,00 38.00 29.00 130.00 18.75 14.00 22.00 8.75 12.75 43.50 23.25 19.50
	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 49.50 49.50 9.00 9.37½	72.00 44.00 5.50 54.00 38.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 14.90 22.00 49.875 43.50 9.25 9.25 9.25 9.25
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated	71.00 43.50 5.00 51.00 37.00 81.00 44.00 28.75 126.00 18.00 21.87½ 8.25 13.50 21.87½ 49.50 42.75 49.50 9.00 9.00 9.00 9.37½ 2.50	72.00 44.00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 14.50 49.87 46.00 9.25 9.55 9.50 9.35
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.87 21.87 42.75 42.75 49.50 42.75 49.50 9.37 9.00 9.37 21.00	72.00 44.00 5.50 54.00 38.00 29.00 130.00 18.00 22.00 8.75 13.75 13.75 46.00 23.25 46.00 23.25 9.25 9.25 9.25 9.25 9.25
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 18.00 9.37½ 2.50 9.37½ 2.50 9.37½	72.00 44.00 5.50 54.00 38.00 29.00 130.00 18.75 14.75 14.90 22.00 28.75 12.75 43.50 9.50 9.50 9.50 3.00 21.25 142.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 21.87½ 8.25 13.60 42.75 49.50 9.00 9.07 22.87½ 2.50 11.00 11.00 11.75	72.00 44.00 5.50 54.00 38.00 29.00 130.00 18.00 22.00 8.75 13.75 13.75 46.00 23.25 46.00 23.25 9.25 9.25 9.25 9.25 9.25
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 18.00 9.37½ 2.50 9.37½ 2.50 9.37½	72.00 44.00 5.50 54.00 38.00 29.00 130.00 18.75 14.75 14.90 22.00 28.75 12.75 43.50 9.50 9.50 9.50 3.00 21.25 142.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe Tamarack	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 13.50 21.873/2 8.25 13.00 9.374/2 22.873/2 18.00 9.374/2 2.50 21.00 141.00 1.75	72.00 44.00 5.50 54.00 38.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe Tamarack Victoria	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 41.75 9.37½ 2.50 21.00 141.00 1.75 60.00 3.62½	72.00 44.00 55.50 54.00 38.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 45.00 9.37½ 2.87½ 2.50 21.00 1.75 60.00 3.62½ 2.00	72.00 44,00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.00 22.00 18.75 13.75 43.50 9.50 9.50 9.50 3.00 21.25 142.00 2.00 62.00 62.00 62.00 62.00 62.00 62.00 62.02
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 11.50 21.87½ 8.25 13.00 42.75 49.50 49.50 49.50 22.87½ 2.50 21.00 141.00 141.75 60.00 3.62½ 2.00	72.00 44.00 5.50 54.00 38.00
pen	Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com., ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Victoria Wyandot Zinc East Butte	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 49.50 45.00 9.37½ 2.50 9.37½ 2.50 60.00 3.62½ 2.00 26.00 8.50	72.00 44.00 55.50 54.00 38.00
pen 921/2,	Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetta	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 21.871/2 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 41.00 17.50 9.371/2 2.50 21.00 141.00 1.75 60.00 8.50 8.50	72.00 44.00 38.00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 12.75 43.50 23.25 19.50 3.00 21.25 142.00 2.00 62.00 62.00 2.00 62.00 2.00 62.00 3.871½ 2.25 27.00 9.00 3.871½
pen 12½, 13c.	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com, ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 9.37½ 2.50 21.00 17.50 60.00 3.62½ 2.00 8.50 8.50 8.55	72.00 44,00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 13.75 43.50 49.87½ 46.00 23.25 19.50 9.25 21.25 27.00 9.00 3.87½ 8.50
pen 12½, 13c.	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com, ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 9.37½ 22.87½ 18.00 9.37½ 2.50 141.00 141.00 1.75 2.00 2.50 2.50 8.50 8.50 8.50	72.00 44.00 5.50 54.00 38.00
pen	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetta Kerr Lake Arcadian Ray Consolidated	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 18.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 9.37½ 2.50 21.00 17.50 60.00 3.62½ 2.00 8.50 8.50 8.55	72.00 44,00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 13.75 43.50 49.87½ 46.00 23.25 19.50 9.25 21.25 27.00 9.00 3.87½ 8.50
pen 12½, 13c.	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Osceola Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetta Kerr Lake Arcadian Ray Consolidated	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 60.00 9.37½ 2.50 60.00 3.62½ 2.00 26.00 8.50 8.55 8.25 5.00 20.00	72.00 44.00 38.00 5.50 54.00 38.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 12.75 43.50 23.25 19.50 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2
pen 22½,	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 18.00 22.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 2.50 21.87½ 2.50 21.00 17.56 60.00 8.50 8.55 5.00 8.55 2.00 13.37½	72.00 44.00 38.00 5.50 54.00 38.00 130.00 18.75 14.00 22.00 18.00 22.00 18.00 22.00 18.75 13.75 43.50 49.87½ 46.00 23.25 19.50 9.50 3.00 21.25 142.00 2.00 62.00 62.00 62.00 62.00 3.87½ 2.25 27.00 9.00 5.50 5.50 20.50
pen 12½, 13c.	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zine East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg Arizona Commercial	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.00 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 45.00 22.87½ 2.50 21.00 17.50 60.00 21.87½ 2.50 21.00 3.62½ 2.00 8.50 8.50 8.25 5.00 20.00 8.25 5.00 20.30 8.25 5.00	72.00 44.00 38.00 5.50 54.00 38.00 130.00 18.75 14.00 22.00 18.00 22.00 18.75 13.75 43.50 22.00 23.25 19.50 3.00 21.25 2.00 62.00 3.871/2 2.25 27.00 9.00 5.50 20.50 5.50 20.50 5.50 20.50 5.50 20.70
pen 21/2, 13c. 21/2, 11er	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg Arizona Commercial Calumet & Arizona	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 20.00 9.37½ 2.50 60.00 3.62½ 2.00 26.00 3.62½ 2.00 26.00 3.62½ 2.00 26.00 13.37½ 2.00 26.00 13.37½ 2.00 26.00 13.37½	72.00 44.00 38.00 5.50 54.00 38.00 13.00 18.75 12.00 18.00 22.00 18.00 22.00 18.75 12.75 43.50 23.25 19.50 2.00 2.00 23.25 19.50 2.00 2.00 2.00 3.871/2 2.25 27.00 3.871/2 2.25 27.00 3.871/2 2.35 20.50 20.50 23.75 23.75
pen 22½,	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Osceola Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg Arizona Commercial Calumet & Arizona C. L.	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 21.87½ 2.50 21.87½ 2.50 21.00 141.00 1.75 60.00 8.50 8.25 5.00 13.37½ 2.350 66.50 8.25 5.00 13.37½ 2.350 66.50 8.25 5.00 13.37½ 2.350 66.50 8.25	72.00 44.00 38.00 55.50 54.00 38.00 29.00 130.00 18.75 12.75 43.50 22.00 23.25 19.50 2.00 23.25 19.50 2.00 23.25 19.50 2.00 23.25 19.50 2.00 2.00 23.25 142.00 2.00 23.25 142.00 2.00 23.25 142.00 2.00 2.00 2.00 2.00 2.00 2.00 2.00
pen 2½, 13c. 13c. 2½, 11er	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com, ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg Arizona Commercial Calumet & Arizona C. L. Franklin	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 18.50 21.00 17.50 18.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 60.00 9.371/2 2.50 21.00 1.75 60.00 8.50 8.25 5.00 23.371/2 23.50 65.50 10 15.00	72.00 44.00 38.00 5.50 54.00 38.00 29.00 130.00 18.75 14.00 22.00 18.00 22.00 18.00 22.00 22.00 23.25 19.50 3.00 23.25 19.50 3.00 21.25 142.00 2.00 62.00
pen 21/2, 13c. 21/2, 11er	Granby Massachusetts Mohawk Old Dominion Quincy Superior Utah Consolidated Wolverine Centennial Corbin Hancock Royale Miami Ojibway Superior & Boston United States com. ex-div. Preferred, ex-dividend Allouez Butte Coalition Centennial Daly West Greene Cananea Mexico Consolidated Nevada Consolidated Nevada Consolidated Nevada Consolidated Santa Fe Tamarack Victoria Wyandot Zinc East Butte Helvetia Kerr Lake Arcadian Ray Consolidated Superior & Pittsburg Arizona Commercial Calumet & Arizona C. L. Franklin La Salle	71.00 43.50 5.00 51.00 37.00 81.00 28.75 126.00 13.50 21.00 17.50 21.87½ 8.25 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 13.00 42.75 21.87½ 2.50 21.87½ 2.50 21.00 141.00 1.75 60.00 8.50 8.25 5.00 13.37½ 2.350 66.50 8.25 5.00 13.37½ 2.350 66.50 8.25 5.00 13.37½ 2.350 66.50 8.25	72.00 44.00 38.00 55.50 54.00 38.00 29.00 130.00 18.75 12.75 43.50 22.00 23.25 19.50 2.00 23.25 19.50 2.00 23.25 19.50 2.00 23.25 19.50 2.00 2.00 23.25 27.00 2.00 2.00 3.871½ 2.25 27.00 3.871½ 2.25 27.00 3.871½ 2.25 66.00 12
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ment Plant Gives Operators New Courage.

Mines of the Fairview, Nevada, district ecame an important feature of a hearing are looking better than for a long time taking over of the Ely Verde Copper comin the district court at Moab recently, of the case of the United States against M.

I. Fowler, in which is involved the right of Fowler to patent valuable ground in Miners' Basin as a placer claim. The application was contested on the ground that the claim, which is likely at some time to be utilized as a townsite, is being held for speculative purposes rather than for n the district court at Moab recently, of before, according to John A. Kirby, who pany by the Ely Consolidated Copper comtionize copper reduction methods. Tests for speculative purposes rather than for is encouraging. Arrangements have been

carry water to its proposed mill of about twenty stamps, and plans for the mill are being drawn. The Nevada Hills and Fairview Eagle companies will probably be not much longer formulating their milling plans, the Hills awaiting only definite assurance of when the government will be ready to supply power.

Good ore is being taken from the 400 and 450-foot levels of the Nevada Hills mine, Mr. Kirby says. Bunches of rich ore are being found east of the break on the gold in the pan after Wheeler was through panning, the colors must have

been mighty big ones.

"The application for patent was made in good faith for placer mining and not for speculative purposes," Hepburn added.
"Only enough work has been done the last four years to hold the property for last four years to hold the property, for the reason that Supervisor Snow of the forestry service had given the owners notice to vacate; they did not know what might be done to defeat their claim and they did not want to do a lot of work and lose it all. Mr. Kirby says. Bunches of rich ore are being found east of the break on the lower level, and indications are favorable for finding the ledge in place, which will mean large, permanent bodies of the ore. The company is shipping two and three carloads of high-grade ore a month. The flow of water in the mine is slacking, indicating that it will soon cease entirely to trouble.

Judge George F. Powell, an expert miner of Moab, testified that he had prospected on Castle creek for Colonel Driscoll in 1892. Only about \$50 in gold was cleaned up from two months' work. He later found in the diggings a piece of rock which assayed \$30,000 a ton in gold. He believed that better results would have been obtained had they reached bedrock." The Eagle mine, with a nice body of ore on the 300 level, is looking better than ever. It is taking care of its water with a skip, the use of its pumps being no

## BROKER ON EXCHANGE BEHIND IN ACCOUNTS

The failure of J. L. Hamilton, member of the mining stock exchange, was announced yesterday, and a committee was appointed to close his affairs. The obilgations are said to amount to about \$6,000, with little in resources aside from the member's seat on the exchange, which will, without doubt, it is believed, be sold Underground Opening 100 Feet sole

### GO TO WAKE UP JOHNNIE. Newest Gold Camp Attracts Many

or the Carisa have for some time been most favorable for the making of large ore bodies. The workings are in an enormous fissured zone in which are found many bunches of ore, some of it very high-grade copper.

It would be a matter of real surprise should a large body at the surprise should a large body at the surprise state of the surface and a company is being formed to develop it.

Mining & Milling company, a Knight corporation, has filed in the county clerk's office amended articles of incorporation, has filed in the county clerk's office amended articles of incorporation, has filed in the county clerk's office amended articles of incorporation, changing the place of the company's general offices from Eureka to Provo.

The want ads can serve you only if you use the surface and a company is being formed to develop it. high-grade copper.

It would be a matter of real surprise should a large body of ore be not found in close proximity to the Carisa's cave.

## **ADMITS ELY DEAL**

Old Miner's Testimony Is Fea- Cheap Power From Govern- Manager Levy Is Pleased With Improved Conditions in Consolidated.

Rumor that a deal is pending for the

for speculative purposes rather than for mining.

B. L. Wheeler, expert miner for the forestry service, testified that after repeated tests on the claim he had found no pay dirt. This incited George W. Hepburn, leading witness for the defense, when he was on the stand, to remark:

"I have been placer mining since 1860, and I have met a great many tenderfeet," but Wheeler's attempt at panning was far and away the crudest effort that was far and away the crudest effort that which seems at many tenderfeet, but Wheeler's attempt at panning was far and away the crudest effort that the government to take electric power from the plant, which is being installed in connection with the irrigation works, near Fallon. The plant will provide 3,000 horsepower, which will be ample for the mines of Fairview and Wonder, even after the prospective mills shall have been installed.

The Nevada Wonder company has already laid fifteen miles of pipe line to carry water to its proposed mill of about twenty stamps, and plans for the mill are conditions.

southwest drift, which is out 280 The southwest drift, which is out 280 feet from the Brilliant shaft, has just cut a strong cross-vein. The drift was not through it when Mr. Levy left, and it was making a good showing. The drift is headed for the east and west vein, upon which the raise is being driven, and from which shipping ore is being taken. It is expected that good values will be found at the intersection of the two fissures.

### FINDS COPPER LEDGE EAST OF RICHFIELD

Richfield, March 31.—Parley Anderson of Richfield has discovered an extensive vein of ore in Red Butte canyon, a few miles of ore in Red Butte canyon, a few miles east of Annabella, in the hills east of Richfield. He made his first discovery from a piece of float picked up last fall when deer hunting. He kept the matter to himself and this spring, as soon as the snow was off, he traced up the vein and made locations. At a depth of four feet he has returns which show 7.5 per cent copper and a little gold and silver. The vein lies against a porphyry dyke about 50 feet wide, and the ore is about eight feet in width. He is sinking on the vein and is gaining values with every foot of and is gaining values with every foot of depth.

Mr. Anderson is alone in the venture, and he has secured a large group of

CLUFF MINE INCREASES OUTPUT The Cliff mine at Ophir is again sending to the smelter its normal output of sixty tons of ore a day. Its shipments were curtailed for several months by the bad condition of the wagon roads. Development work is being pushed as aggressively as ever and with good results.

UTAH MINE SHIPS HIGH-GRADE. The Utah mine of Fish Springs yester-day marketed a lot of twenty-six tons of ore which brought the company the net sum of \$2,719.59. The ore showed values of 65 per cent lead and 144 ounces in silver to the ton. The company is shipping two carloads a month of that character of ore, and it is now steadily advancing production.

Tennessee Rebel Changes Offices. Provo, March 31.-The Tennessee Rebel

## Announcement

We beg to announce that we have installed the

## Duplex Wire

of E. F. Hutton & Co., members New York Stock Exchange, etc., giving special attention to Copper Quotations and offering perfect facilities for execution of orders in New York stocks and cotton, Boston coppers and Chicago grain.

## **Badger** Brothers

160 Main Street.



Of personal appearance is to be correct in your laundered appearance. We are producers of the proper effect on all apparel.

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Apply one of our fire insurance policies before the fire starts.

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### Your Chance In Jarbidge Is Now

Find out about the Jarbidge Bunker Hill mine. A few dollars placed when the great camp is starting may make you independent for life,

See Ore and Photos of Mine at office of

J. L. KARR. Secretary and Fiscal Agent. 332 South State St. Ind. phone 93; Bell, 2170.

### UTAH NATIONAL BANK

Salt Lake City, Utah. Capital and Surplus, \$240,000.

W. S. McCornick, President.

Thomas R. Cutler, Vice President. Rodney T. Badger, Cashier. C. H. Wells, Assistant Cashier. Solicits secounts from Banks, Firms, Corporations and Individuals. Fully equipped savings department. 4 Per Cent Paid on Time Deposits. Safety De-

posit Vaults for Rent.

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Bring Your Old Umbrella to Us to be Changed FREE into a

With Detachable and Interchangeable Handle

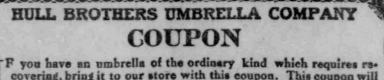
We are exclusive agents in Salt Lake City for this famous Umbrella, and are authorized by the makers, Hull Bros. Umbrella Co. of Toledo, Ohio, that they will change any umbrella handle into a Hull Detachable Handle FREE.

Bring your old umbrella, with coupon which appears below, and we will send the handle to the factory to be changed free, and will show you the advantages of the Hull detachable and interchangeable feature. When your handle comes back equipped with this device we will supply you with an entirely new Hull top, of your own selection, at the mere price of re-covering your old frame.

After your handle is a Hull handle, you need never again buy a complete umbrella. We can snap on a new top—ribs, rod and cover—in ten seconds, and all for the price of the cover. Then think of the con-venience of packing your umbrella in your suitcase This store has undoubtedly the largest stock and the greatest variety of umbrellas in Utah, or between

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Where we show a part of our line at a variety of prices. Step inside and let us explain the merits of the HULL. The name HULL is to umbrellas what Sterling is to silver. Take advantage of this free offer and have your old umbrella made into a HULL—no more poor silk at a high price, and no wore bent or rusted ribs to break and spoil the new cover. Bring your old umbrella to us and in a few days we hand you a new HULL UMBRELLA with detachable and interchangeable handle. We engrave any handle with fine monogram without charge.





covering, bring it to our store with this coupon. This coupon will entitle you to have your old style umbrella transformed into a new style HULL UMBRELLA with detachable and interchangeable handle. This service will be rendered WITHOUT COST TO YOU—the new frame and cover em-bodying the detachable and interchangeable feature being furnished to you at the mere cost of re-cover-Preserve this coupon and bring it with your old umbrells the next time you come to our store.